

REMARKS

Claims 1 and 8-12 stand rejected under 35 U.S.C. §103 (a) as unpatentable over Cooper et al. U.S. Pat. Pub. No. 20014/0015765 in view of Cho et al. (An Adaptive FEC with QoS Provisioning for Real-time Traffic in LEO, IEEE). Claim 37 stands rejected under 35 U.S.C. §103 (a) as unpatentable over *Cooper* in view of Agarwalet al. U.S. Pat. No. 6,477,669. Claims 21-36 are allowed and claims 2-7, 13-20 and 38-50 are indicated as containing allowable subject matter.

Without conceding the rejections advanced by the Office Action, Applicant has amended claim 1 to incorporate limitations somewhat reflective of the limitations of claims 2 and 5, each of which are indicated as allowable by the Office Action. In particular claim 1 has been amended to add the following steps:

adjusting, in response to said comparing step, a size of blank data fields of said codewords comprised of data packets; and
maintaining a sum of said sizes before and after said adjusting steps.

Claims 2, 5 and 8-12 have been amended to conform to the language of claim 1, as amended.

Claim 38 has been amended to recite its limitations from base claim 37, as originally filed, thereby placing claim 38 in independent form.

Finally, the title is amended above to correct a typographical error, replacing “an” with the phrase “a wireless.” Please note that the title, as amended, appears on the cover/bibliographic sheet of the patent application. Therefore, amendment of the title is proper.

In view of the above amendments, Applicant believes the pending application is in condition for allowance. The required Extension Fee for this response is enclosed and dealt with in the accompanying Petition for Extension of Time and transmittal(s). If any additional fee is due, please charge Deposit Account No. 06-2380, under Order No. 60783/P008US/1012416 from which the undersigned is authorized to draw.

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Respectfully submitted,

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